Brief Overview of IEEE 802.3 in IEEE 802.24 Tutorial @ Nov 12 Plenary

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• Develops Standards for Ethernet based networks
• Expanded beyond its Enterprise roots.
• Examples include:
  – At the component level
  – The Data Center Network
  – Transportable over OTN
  – Access Networks
  – Automotive / industrial
• [http://grouper.ieee.org/groups/802/3/index.html](http://grouper.ieee.org/groups/802/3/index.html)
Bandwidth Growth Rate Trends

![Graph showing bandwidth growth rate trends with various lines indicating different sectors: Financial sector, CAGR = 95%, Peering, CAGR = 64%, IP traffic, CAGR = 32%, Science, fit to Figure 15, CAGR = 70%, ESnet 2004 to 2011, CAGR = 70%, Cable, Figure 20, CAGR = 50%, HSSG tutorial, fit to Figure 39, CAGR = 64%, Slide 22 core, CAGR = 58%, HSSG tutorial, Slide 22 server I/O, CAGR = 36%.](http://www.ieee802.org/3/ad_hoc/bwa/BWA_Report.pdf)